

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EE 03/00005

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07K16/46 A61K47/48 A61K39/395

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ZHAO Y ET AL: "Chemical engineering of cell penetrating antibodies" JOURNAL OF IMMUNOLOGICAL METHODS, ELSEVIER SCIENCE PUBLISHERS B.V.,AMSTERDAM, NL, vol. 254, no. 1-2, 1 August 2001 (2001-08-01), pages 137-145, XP004245448 ISSN: 0022-1759	1-3, 14-16
Y	the whole document	4-13
X	WO 98 52614 A (ROTHBARD JONATHAN B ;UNIV LELAND STANFORD JUNIOR (US); WENDER PAUL) 26 November 1998 (1998-11-26)	13-15
Y	abstract page 3, line 5 -page 4, line 6 page 5, line 9 - line 15 page 23, line 10 - line 21; figure 1; examples 5,11; table 1	1-12
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

18 December 2003

Date of mailing of the international search report

21/01/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>SCHWARZE S R ET AL: "PROTEIN TRANSDUCTION: UNRESTRICTED DELIVERY INTO ALL CELLS?"</p> <p>TRENDS IN CELL BIOLOGY, ELSEVIER SCIENCE LTD, XX,</p> <p>vol. 10, no. 7, July 2000 (2000-07), pages 290-295, XP001135090</p> <p>ISSN: 0962-8924</p> <p>page 290, column 1 -page 292, column 2; figure 1</p> <p>page 293, column 2, paragraph 3 -page 295, column 1</p> <p style="text-align: center;">---</p>	1-16
Y	<p>SOOMETS A C U ET AL: "Deletion analogues of transportan"</p> <p>BIOCHIMICA ET BIOPHYSICA ACTA. BIOMEMBRANES, AMSTERDAM, NL,</p> <p>vol. 1467, no. 1,</p> <p>31 July 2000 (2000-07-31), pages 165-176, XP004273270</p> <p>ISSN: 0005-2736</p> <p>abstract</p> <p>page 165, column 1, paragraph 1 -page 166, column 1, paragraph 3; table 1</p> <p>page 174, column 2, paragraph 2</p> <p>page 175, column 2, paragraph 2</p> <p style="text-align: center;">---</p>	1-12, 14-16
Y	<p>WO 01 12655 A (KAROLINSKA INNOVATIONS AB ;TOFTGAARD RUNE (SE))</p> <p>22 February 2001 (2001-02-22)</p> <p>abstract</p> <p>page 3, line 19 - line 27</p> <p>page 11, line 30 -page 12, line 23; claims 11-13; figure 8</p> <p style="text-align: center;">---</p>	1-16
Y	<p>US 6 238 876 B1 (ALTABA ARIEL RUIZ I)</p> <p>29 May 2001 (2001-05-29)</p> <p>column 1, line 9 - line 17</p> <p>column 1, line 66 -column 2, line 5</p> <p>column 2, line 17 - line 30</p> <p>column 2, line 47 - line 52</p> <p>column 5, line 48 -column 6, line 24</p> <p>column 6, line 65 -column 7, line 56;</p> <p>figure 7; examples 2,4; table 1</p> <p style="text-align: center;">---</p>	1-16
Y	<p>KIPRIYANOV S M ET AL: "GENERATION OF RECOMBINANT ANTIBODIES"</p> <p>MOLECULAR BIOTECHNOLOGY, TOTOWA, NJ, US,</p> <p>vol. 12, no. 2, September 1999 (1999-09), pages 173-201, XP009006067</p> <p>ISSN: 1073-6085</p> <p>the whole document</p> <p style="text-align: center;">---</p> <p style="text-align: center;">-/--</p>	6-9

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>GREEN J ET AL: "Basal cell carcinoma development is associated with induction of the expression of the transcription factor Gli-1"</p> <p>BRITISH JOURNAL OF DERMATOLOGY, vol. 139, no. 5, November 1998 (1998-11), pages 911-915, XP002265619</p> <p>ISSN: 0007-0963</p> <p>abstract</p> <p>page 914, column 1, paragraphs 1,2</p>	1-16
A	<p>LINDGREN M M ET AL: "Cell-penetrating peptides"</p> <p>TRENDS IN PHARMACOLOGICAL SCIENCES, ELSEVIER TRENDS JOURNAL, CAMBRIDGE, GB, vol. 21, no. 3, March 2000 (2000-03), pages 99-103, XP004202572</p> <p>ISSN: 0165-6147</p> <p>abstract</p> <p>page 100, column 2, paragraph 3 -page 101, column 1, paragraph 5; tables 1,2</p>	1-16
A	<p>HALLBRINK A C M ET AL: "Cargo delivery kinetics of cell-penetrating peptides"</p> <p>BIOCHIMICA ET BIOPHYSICA ACTA. BIOMEMBRANES, AMSTERDAM, NL, vol. 1515, no. 2, 1 December 2001 (2001-12-01), pages 101-109, XP004323203</p> <p>ISSN: 0005-2736</p> <p>abstract</p> <p>page 101, column 2, paragraph 1 -page 102, column 2, paragraph 3; figures 6,7; table 1</p>	1-16
A	<p>DALL'ACQUA W ET AL: "ANTIBODY ENGINEERING"</p> <p>CURRENT OPINION IN STRUCTURAL BIOLOGY, CURRENT BIOLOGY LTD., LONDON, GB, vol. 8, no. 4, August 1998 (1998-08), pages 443-450, XP009003344</p> <p>ISSN: 0959-440X</p> <p>the whole document</p>	1-16

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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